



#8
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Stephen A. Stockman; Serge L. Rudaz; Mira S. Misra
Assignee: Lumileds Lighting U.S. LLC
Title: Forming Low Resistivity P-Type Gallium Nitride
Serial No.: 09/846,980 Filing Date: April 30, 2001
Examiner: Matthew J. Song Group Art Unit: 1765
Docket No.: M-9635 US

San Jose, California
January 16, 2003

BOX: RCE
COMMISSIONER FOR PATENTS
Washington, D. C. 20231

REQUEST FOR CONTINUED EXAMINATION (RCE)

Dear Sir:

This is a Request for Continued Examination of the above-identified application under 37 C.F.R. §1.114.

Please enter the attached Response to Office Action before continuing the examination.

The RCE fee required under 37 C.F.R. §1.17(e) is authorized to be charged to our Deposit Account No. 502226, in an accompanying transmittal letter.

Please contact the undersigned attorney at 408-382-0480 with any questions concerning this request.

EXPRESS MAIL LABEL NO:

EV 211854014 US

Respectfully submitted,

Rachel V. Leiterman
Attorney for Applicants
Reg. No. 46,868

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#9/C
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San Jose, California
January 22, 2003

BOX: RCE
COMMISSIONER FOR PATENTS
Washington, D. C. 20231

RESPONSE TO OFFICE ACTION

Dear Sir:

This responds to the Office Action dated October 22, 2002. Please amend the above-identified application as follows.

IN THE CLAIMS

Please amend the claims as follows. The following is a clean version of the entire set of pending claims. In accordance with 37 CFR § 1.121(c)(1)(ii), Attachment A provides marked up versions of the claims containing the newly introduced changes.

1. (Twice Amended) A method for manufacturing a p-type III-V nitride compound semiconductor comprising:
growing in a chamber a III-V nitride compound semiconductor layer at a first temperature while introducing acceptor impurities into said layer to form an acceptor-doped layer, said chamber containing one or more gases providing hydrogen such that said hydrogen passivates at least some of said acceptor impurities;

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TC 1700

January 22, 2003

Docket No. M-9635 US

Box: RCE
Commissioner For Patents
Washington, D.C. 20231

Re: Applicant(s): Stephen A. Stockman; Serge L. Rudaz; Mira S. Misra
Assignee: Lumileds Lighting U.S. LLC
Title: Forming Low Resistivity P-Type Gallium Nitride
Serial No.: 09/846,980
Examiner: Matthew J. Song Filed: April 30, 2001
Docket No.: M-9635 US Group Art Unit: 1765

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) This Transmittal Letter (1 page in duplicate);
- (2) Request for Continued Examination (RCE)(1 page);
- (3) Response to Office Action (15 pages).

- No additional fee is required.
 The fee has been calculated as shown below:

	Claims Remaining <u>After Amendment</u>	Highest No. <u>Previously Paid For</u>	Present <u>Extra</u>	Rate	Additional Fee
Total Claims	59	Minus 60	= 0	x \$18	\$ 0.00
Independent Claims	2	Minus 3	= 0	x \$84	\$ 0.00
<input type="checkbox"/> Fee of _____ for the first filing of one or more multiple dependent claims per application				\$	
<input checked="" type="checkbox"/> <u>Fee for this Request for Continued Examination (RCE)</u>				\$	<u>750.00</u>
<input checked="" type="checkbox"/> Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.					
<input checked="" type="checkbox"/> Please charge our Deposit Account No. 502226 in the amount of				\$	750.00
<input checked="" type="checkbox"/> Please charge any additional fees required and credit any overpayment to our Deposit Account No. 502226 in the amount of					
			Total:	\$	750.00

EXPRESS MAIL LABEL NO:
EV 211854014 US

Respectfully submitted,

Rachel V. Leiterman
Attorney for Applicant(s)
Reg. No. 46,868